

Product datasheet

Hexachlorophene, KCNQ1/KCNE1 potassium channel activator ab229169

Overview

Product name	Hexachlorophene, KCNQ1/KCNE1 potassium channel activator
Description	KCNQ1/KCNE1 potassium channel activator
Biological description	KCNQ1/KCNE1 potassium channel activator (EC ₅₀ of 4.61 ± 1.29 μM). Also attenuates Wnt/beta-catenin signaling through the Siah-1-mediated beta-catenin degradation, and inhibits enoyl-acyl carrier protein reductase
Purity	> 99%
CAS Number	70-30-4

Properties

Chemical name	2,2'-Methylenebis[3,4,6-trichlorophenol]
Molecular weight	406.90
Molecular formula	C ₁₃ H ₆ Cl ₆ O ₂
PubChem identifier	3598
Storage instructions	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C1=C(C(=C(C(=C1Cl)Cl)CC2=C(C(=CC(=C2Cl)Cl)Cl)O)O)Cl</chem>
Source	Synthetic

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